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Wm. Kirch-

1959

*-orchids, ltd.*  
732 Kapahula Ave.  
Honolulu 16, Hawaii

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U. S. Department of Agriculture

*presents*

*Cattleya*

*Cypripedium*

*Oncidium Alliance*

LC. Winema Alba





## TALK ABOUT TIME!

So many of you have become new customers that it would not be amiss to once again review the meaning of our title, "Talk About Time." It all came about years ago when, my now big boy and eldest son, was a little tot and used to crawl up on my lap after dinner and say, "Daddy, it is Talk About Time." Then and there we reviewed all the events of the day that rambled about in his little head.

Of course, I can't invite all of you to crawl up in my lap after dinner, but this little message with each catalogue is our way of creating a feeling of better understanding between you, our customers and those of us at home.

Present plans call for five separate catalogues or mail pieces to you from us during 1959, to let you know of the stock we have grown for your enjoyment. This is the first of these five.

In this catalogue, we have combined all the stock that we feel should interest those persons that concentrate on growing Cattleyas. All of the plants listed herein are most compatible with an environment that is suitable to good Cattleya culture. If you are tired of seeing the same old flowers in your collection, add some of these really new and exciting combinations to your collection. They will give you a new outlook and make all of your plants appear more welcome. Life gets dull when you don't have new friends.

It has been a great pleasure to serve all of you all over the world. As of this year, 1959, our plants are finding new homes in every corner of the world. They have been bred with care and understanding in the hopes that they may bring pleasure and solace to all at a time when man finds himself all too often flying into space with his feet off the ground. We need an anchorage and growing orchids as a hobby is an excellent way to tie down your pent up emotions.

Our policy has not changed. We stand behind everything 100%. We are not perfect—we are human. If we make a mistake, tell us. We want to hear about it. It is only by this method that we can improve our service to you.

All of our growers, our staff, and myself take this opportunity to convey to you our very best wishes for 1959. We will look forward to hearing from you and the opportunity to package up some of our plants that we hope you will consider on arrival as a "bundle of joy."

Aloha,

WM. KIRCH



# CATTLEYA AND ALLIED GENERA

Many new advancements have been made in the breeding of this large section of orchids. Particularly is this true of the new small types such as Dia-Cattleya, Epi-Cattleya, Cattleytonia, etc. We are this year placing all of these plants in one large group with subdivisions for each section. Culture is the same for all groups.

## CULTURE:

These are among the easiest of all orchid plants for the amateur to grow. If you are just starting, Cattleyas will give you what you want. They can be quite successfully grown in many locations without a glass house.

They should be grown in a temperature range of not less than 55° F., at night with a daily range not to exceed 30° F., above the current night temperature. Thus, if your night temperature was maintained at 55° F., the maximum rise during the following day should not exceed 85° F.

Potting can be done in Osmunda Fibre, Hawaiian Tree-Fern, or any of the new Bark composts. We highly recommend the latter, due to ease of use and handling thereafter.

Cattleyas should be watered as often as they get dry. Location, type of potting media, season, state of growth of the plant, and light, all play an important part in the speed with which a plant will dry out. There is no hard or fast rule—Observe your plant and when it is dry give it a good soaking. Then do not water again until dry.

Cattleyas will benefit by the use fertilizers. Again, several factors are important as to the use of fertilizer. Light, rate of growth of the plant, season all are important. Remember plants are like humans; when active they eat more, when dormant less. Use your good common sense as a guide. Any complete liquid fertilizer recommended for orchids is suitable.

If you have a specific problem, write to us. We will be happy to try and solve it for you.

## LARGE FLOWERED CATTLEYA TYPE HYBRIDS

This group is the large flower that is so highly prized for display and cut flower purposes. In it you will find combinations involving the genera: Cattleya, Laelia, Brassovola, and Sophronitis. The crosses we offer are bred to give the maximum in quality.

- 9-C-1—C. Dowiana x Bc. Gary Copeman—Orange to salmon dark lip. Late Summer to Fall. 1 1/2", 2", 3", 4"
- 9-C-2—Bc. Landscape x Bc. J. K. Lilly—Bronze—dark lavender. Winter. 2", 3"
- 9-C-3—Bc. J. K. Lilly x Bc. Beatrice—Lavender. Mid-Winter. 2", 3"
- 9-C-4—C. Empress Bells x C. Pearl Harbor—Pure White—Medium size. Spring. 1 1/2", 2", 3"
- 9-C-5—C. Empress Bells x Box Betts A.M.H.O.S.—White. Winter. 1 1/2", 2", 3"
- 9-C-6—C. Balboa x Tityus var. Westonbirt—Rich lavender. Fall-Winter. 1 1/2", 2"
- 9-C-7—C. Dowiana x C. Prince Edward—Yellow—Bronze. Summer to Fall. 3"
- 9-C-8—Bl. Helen (L. Tenebrosa x B. Digbyana)—Yellow—Chocolate brown, huge lip. Fall. 1 1/2", 2"
- 9-C-9—Lc. Waromas x Bc. Jaharco—Fine lavender. Winter. 1 1/2"
- 9-C-10—Lc. Ardglory x Lc. Winema Alba—White—dark purple lip. Spring. 4"
- 9-C-11—Lc. Sam Houston var. Brilliance x Bc. Princess Patricia FCCRHS—Light lavender—dark lip. Spring to Fall. 3"
- 9-C-12—Lc. Emma Matsuguma x Bc. Estelle—Medium to dark lavender. Fall. 3", 4"
- 9-C-13—Lc. Balkis x Bc. Hartland—Medium to dark lavender. Fall. 3", 4"
- 9-C-14—Lc. Helen Mizuta x Bc. John Linford-Lc. Ishtar—Medium to dark lavender. Fall. 1 1/2", 2", 3", 4"
- 9-C-15—C. Bengrave x Bc. Queen Emma—White. Fall to Winter. 3 1/2", 4"
- 9-C-16—C. Ashland x Bc. Wake Island the Queen—Medium to dark lavender. Spring. 3", 4"
- 9-C-17—Lc. Lenore Fujioka (Lc. Princess Patricia FCCRHS x Lc. Balkis var. Superba)—Medium lavender. Fall and Spring. 6"
- 9-C-18—Bc. Mem. Thelma Yee (Lc. Locarno x Bc. Estelle)—Medium to dark lavender. Fall. 6"
- 9-C-19—Lc. Pasto x Bc. J. K. Lilly var. Ishii—Light lavender. Fall and winter. 3 1/2"
- 9-C-20—Lc. Queen Mary var. Cummins x Lc. Dorothy Fried var. Compacta—Medium to dark lavender. Fall. 3"
- 9-C-21—Lc. Choton x Phoebe Alba—Cream to yellow. Fall. 3", 3 1/2"
- 9-C-22—C. Tityus x Lc. Bodian—Light lavender. Winter-Spring. 3 1/2", 4"
- 9-C-23—Lc. Ludgate x Lc. Balkis var. Superba—Light to medium lavender. Fall. 3", 4", 5", 6"



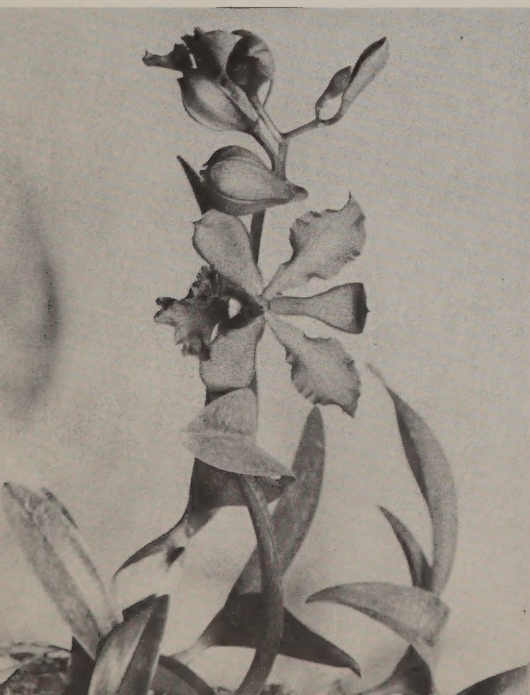
*Lc. Hawaiian Sunset*

- 9-C-24—C. Edward Mathews x Lc. Tuscan—Medium lavender. Fall. 4"
- 9-C-25—Lc. Hassallii Alba x Bc. Nanette Alba—White, purple lip. Fall. 3 1/2"
- 9-C-26—Lc. Bodian x Lc. Dorothy Kodama—Medium lavender. Fall and Winter. 3"
- 9-C-27—Lc. Kunia (Lc. Balkis fine var. x C. Edward Mathews)—Dark lavender. Fall. 4", 5"
- 9-C-28—Bc. Marjorey Frey (C. Rembrandt x Bc. Wake Island var. The Queen)—Medium lavender—Pentaploid. Fall. 4"
- 9-C-29—Bc. J. K. Lilly x Lc. Balkis Fine var.—Light lavender. Winter. 4"
- 9-C-30—Lc. Dorothy Kodama x Lc. Lustre Westonbirt—Medium lavender. Fall. 3", 4", 5"
- 9-C-31—Bc. Matriach (C. Tityus x Bc. Wake Island The Queen)—Medium to dark lavender. Spring. 4"
- 9-C-32—Bc. Wake Island The Queen x Bc. Dr. Paul Nomura—Medium to dark lavender. Spring. 3 1/2"
- 9-C-33—Bc. Aloha x Lc. Princess Margaret var. Superba—Medium lavender. Summer. 2", 3", 4", 5", 6"
- 9-C-34—Lc. Balkis var. Superba x Bc. Estelle—Medium to dark lavender. Fall. 3", 4"



- 9-C-35—Lc. Dorothy Fried x Lc. Balkis var. Superba—Medium lavender. Fall. 3", 4", 5"  
 9-C-36—Lc. Viscountess var. Beauty x Lc. Hyperion—Medium lavender. Fall to Winter. 3"  
 9-C-37—C. Josephine x C. Bob Betts—White. Fall to Winter. 3 1/2"  
 9-C-38—C. Estelle Alba x Josephine—White. Fall to Winter. 3", 4"  
 9-C-39—Lc. Norvic-S. E. Endicott x C. Bob Betts—White. Fall. 2 1/2"  
 9-C-40—Lc. Waianae x Blc. J. K. Lilly—Medium lavender. Winter. 1 1/2"  
 9-C-41—C. Stalin x Pualilili—Pink—yellow lip, medium size. Fall. 4"  
 9-C-42—Lc. Britannia x Lc. Dorothy Kodama—Medium lavender. Winter. 1 1/2", 2", 3"  
 9-C-43—Lc. Mrs. Chamberlin Chandler x Lc. Lorraine Shirai—Bronze lavender. Fall. 2", 3", 4"  
 9-C-44—Lc. Helen Mizuta x Bc. Estelle—Medium lavender. Fall. 2", 3", 4"  
 9-C-45—Lc. Cantabile Alba x C. Alesia—White—purple lip. Winter to Spring. 2", 4"  
 9-C-46—Blc. Princess Patricia FCCRHS x Bc. Estelle—Light to medium lavender. Fall and Spring. 1 1/2", 2"  
 9-C-47—Lc. Bou Philippo x Lc. Hertha var. Perfection—Medium lavender. Winter to Spring. 2", 3", 4"

*Epicattleya Ecstasy*



- 9-C-48—C. Eva May Patterson x Bob Betts—White. Winter-Spring. 1 1/2"  
 9-C-49—Lc. Christine Kodama x Lc. Hertha var. Perfection—Medium lavender. Winter to Spring. 1 1/2", 2"  
 9-C-50—Blc. J. K. Lilly x Blc. Princess Patricia FCCRHS—Light lavender. Spring. 1 1/2"  
 9-C-51—C. Schroderbarrow x Bertii—Medium size—Pink. Early Spring. 1 1/2", 2"  
 9-C-52—Blc. Wake Island var. The Queen x Lc. Hertha var. Perfection—Medium lavender. Winter to Spring. 2"  
 9-C-53—C. Tribarrow x Blc. Matriarch—Pink. Spring. 1 1/2", 2"  
 9-C-54—Blc. Llewellyn x Blc. Blanche Okamoto—Yellow—red lip. Fall. 1 1/2", 2"  
 9-C-55—Lc. Canberra Stonehurst x Blc. Wake Island The Queen—Red to dark lavender. Fall. 2"  
 9-C-56—C. Stalin x Blc. Wake Island The Queen—Medium to dark lavender. Spring to Summer. 1 1/2", 2"  
 9-C-57—Lc. Bocono x Pot. Belgravia var. Rotunda—Light to dark lavender. Winter. 2", 4"  
 9-C-58—Blc. Wake Island The Queen x Lc. Mem. Isamu Oshita var. Splendor—Medium-dark lavender. Spring. 2"  
 D. xHp wan....  
 9-C-59—Blc. Llewellyn x C. Jicarillo—Red to darkest lavender. Fall. 1 1/2"  
 9-C-60—Blc. Norman's Bay var. Splendor x Lc. Princess Ishar var. Lauderdale—Medium lavender. Fall. 1 1/2"  
 9-C-61—Lc. Edgar van Belle x Blc. Llewellyn—Rich yellow—red lip. Fall. 1 1/2"  
 9-C-62—C. Hardyana Alba x Bc. Ann Sladden—White, purple lip. Spring. 2", 3"  
 9-C-63—Blc. Dorothy Heller x Lc. Venetia—Lavender bronze. Fall. 1 1/2", 2", 3"  
 9-C-64—Lc. Terry Wayne x Bc. Ann Sladden—White, dark purple lip. Winter to Spring. 2", 3"  
 9-C-65—Blc. Nanette Alba x Lc. Fedora var. Everest—White, purple lip. Fall and Winter. 2", 3"  
 9-C-66—Blc. Nanette x Lc. Chito—Pure white to alba. Fall and Winter. 1 1/2", 2", 3", 4"  
 9-C-67—Lc. Indra x Bc. Juliette Cooke—Dark lavender. Fall to Winter. 3"  
 9-C-68—Blc. Cindy Powers (Blc. Dawn Angela x Lc. Cuesta)—Lavender, dark lip. Fall to Winter. 5"  
 9-C-69—Blc. Nanette Alba (Blc. Everest x C. Anette)—White, touch of purple in lip. Winter to Spring. 5", 6"  
 9-C-70—C. Haryana Alba x Blc. Nanette—White, purple lip. Winter to Spring. 5", 6"  
 9-C-71—Bc. Diadem Alba (B. Digbyana x C. Eleanor)—Pure White—Large lip. Spring. 5"  
 9-C-72—C. Bow Bells var. Charm x Blc. Nanette Alba—Soft Pink—Perfect shape—Spring. 5"  
 9-C-73—C. Estelle Alba x Eleanor H. Dane—White. Winter. 4"  
 9-C-74—C. Bob Betts x Self—Perfect white. Winter. 3"  
 9-C-75—C. Wemby var. Superba (Alexandra x Peetersii)—Lavender. Fall. 5"  
 9-C-76—C. Trianae var. Mrs. Dixon (Species)—White—lavender lip. Winter. 5"  
 9-C-77—C. Hardyana Alba (Dowiana x Gigas)—White—purple lip. Fall. 2"



*Epicattleya Gaiety*

- 9-C-78—C. Viola Tanaka (Empress Bells x Gen. Patton)—White. Winter. 3"  
 9-C-79—C. White Blossom var. Purity x Repose var. Egret Rose—Round shape, pure white. Winter. 2", 3"  
 9-C-80—C. Bob Betts x United Nations—Pure white. Spring. 3"  
 9-C-81—C. Joyce Hannington (Barabara Dane x Snowdon)—Pure white, equal to Bow Bells. Winter. 1 1/2", 2", 3"  
 9-C-82—L. Tenebrosa x Slc. Gary Copeman—Bronze-yellow. Fall. 1 1/2"  
 9-C-83—Lc. Indra x Slc. Gary Copeman—Lavender-bronze. Fall. 1 1/2"  
 9-C-84—C. Dinahbo x Lc. Cabazon—Medium lavender. Winter. 1 1/2", 2", 3"  
 9-C-85—Lc. Canhamiana Alba x C. Bow Bells—Pink, dark lip. Spring. 3"  
 9-C-86—Lc. Lorraine Shirai var. Emerald x C. Bow Bells var. Rivermont—Green to yellow. Winter. 1 1/2", 2", 3"  
 9-C-87—Lc. Joseph Hampton FCCAOS x Lc. Wildine—Lavender. Fall. 1 1/2", 2", 3"  
 9-C-88—Lc. Venetia x Slc. Gary Copeman—Lavender-bronze. Fall. 1 1/2"  
 9-C-89—C. Rembrandt x Lc. Balkis var. Superba—Dark lavender—large heads, Pentaploid. Fall. 1 1/2", 2", 3"  
 9-C-90—C. Joyce Hannington x Lc. Benson—White. Winter-Spring. 1 1/2", 2"  
 9-C-91—Lc. Terry Wayne x Lc. Fedora var. Everest—White, dark lavender lip. Spring. 1 1/2", 2", 3"  
 9-C-92—C. Dinahbo x Lc. Venetia—Lavender. Fall to Winter. 1 1/2", 2"  
 9-C-93—Lc. Balkis var. Superba x Lc. South Esk var. Empress—Rich lavender. Fall. 5"





*C. gultata* var. *Leopoldi*

- 9-C-94—*L. Purpurata* var. *Werkhouseri* (Species)—Very rare  
—White, blue lip. Spring. 5"
- 9-C-95—*L. Purpurata* var. *Alba Plena* (Species)—Pure white.  
Spring. 4"
- 9-C-96—*L. Purpurata* var. *Velvet* x *C. Warneri* var. *Coerulea*  
—Blue-purple. Spring. 5"
- 9-C-97—*L. Purpurata* *Werkhouseri* x *C. Warneri*—Blue-purple.  
Spring. 5"
- 9-C-98—*Lc. Nuuanu* x *Canberra Stonehurst*—Yellow-orange,  
red lip. Fall. 4"
- 9-C-99—*Blc. Mary M. Damon* (*C. Triumphans* x *Blc. Llewellyn*)—Light to dark yellow. Summer to Fall. 4"
- 9-C-100—*Lc. Sargon* var. *Magnifica* x *Lc. Balkis* var. *Superba*  
—Light lavender, dark lip. Fall. 3", 4"
- 9-C-101—*Blc. Golden Queen* var. *Regina AMHOS* x *Blc. Nugget* var. *Puritan*—Yellow to orange. Fall to Winter. 3", 4"
- 9-C-102—*Lc. S. J. Bracey* x *Blc. Llewellyn*—Yellow to bronze.  
Fall. 4"
- 9-C-103—*Lc. McNeill Beauty* x *Lc. Fedora* var. *Everest*—White,  
very dark lip. Spring. 2", 3"
- 9-C-104—*C. Dinah AMRHS* vs. *Blc. Llewellyn*—Red to lavender  
bronze. Fall to Winter. 4"
- 9-C-105—*Lc. Walter Jewell-St. Gothard* x *Bc. Hartland*—Very  
dark lavender. Fall and Winter. 2", 3", 4"
- 9-C-106—*Blc. Dorothy Tanouye* x *Blc. Nugget* var. *Puritan*—  
Yellow. Fall. 1 1/2", 2"

- 9-C-107—*Lc. Sargon* var. *Magnifica* x *Blc. Wendell Hoshino*  
—Dark lavender. Fall to Winter. 2", 3", 4"
- 9-C-108—*Lc. Derrynane-C. Royana* x *Lc. Bergenfield*—Leven-  
der. Spring. 1 1/2", 2", 2"
- 9-C-109—*C. Enid* x *Lc. Chamberlain Chandler*—Large laven-  
der. Spring. 2"
- 9-C-110—*Lc. Balkis* var. *Superba* x *Lc. Elissa*—Medium laven-  
der. Fall. 2"
- 9-C-111—*C. Mt. Raphroyal* x *Lc. Edgar Omura*—Rich yellow,  
dark lip. Summer. 1 1/2"
- 9-C-112—*C. Bob Bobbs* x *Estelle Alba*—White. Winter to  
Spring. 1 1/2", 2", 3"
- 9-C-113—*C. Cotton Belle* x *Bob Betts AMHOS*—White. Win-  
ter. 2"
- 9-C-114—*Lc. Edgar Omura* (*Albula* x *Thalia*)—Yellow, dark  
lip. Fall. 1 1/2", 2"
- 9-C-115—*C. December Snow* x *Bob Betts Moanalua AMHOS*  
—White. Winter. 2"
- 9-C-116—*C. Bob Betts* x *White Sail*—White. Winter to Spring.  
1 1/2"
- 9-C-117—*Lc. Balkis* var. *Superba* x *Lc. Walter Jewell-St.*  
*Gothard*—Red to dark lavender. 1 1/2"
- 9-C-118—*C. Rembrandt* x *Lc. Helen Wilmer*—Medium laven-  
der, pentaploid. Fall. 1 1/2"
- 9-C-119—*Lc. Clara Hoshino* x *Lc. Walter Jewell-St. Gothard*  
—Yellow to orange. Summer to Fall. 2"
- 9-C-120—*Lc. Souladzu* x *Lc. Mysedo* var. *Miya*—Red to red  
bronze. Fall. 1 1/2"
- 9-C-121—*Blc. Nanette Alba* x *C. Bob Betts* var. *Miya AMHOS*  
—Pink. Spring. 2"
- 9-C-122—*C. Louise Powell* x *Bob Betts*—White. Spring.  
1 1/2", 2"
- 9-C-123—*Blc. Dorothy Heller* x *Lc. Sargon Magnifica*—Laven-  
der. Winter. 1 1/2"
- 9-C-124—*Blc. Kanoa* x *Lc. Sargon* var. *Magnifica*—Dark laven-  
der. Winter. 1 1/2"
- 9-C-125—*Lc. S. J. Bracey* x *Blc. Aprica* var. *Concolor*—Yellow  
to orange. Fall. 1 1/2"
- 9-C-126—*Bc. Mrs. Leeman* x *C. Viola*—Darkest purple.  
Fall. 1 1/2"
- 9-C-127—*C. Enid* var. *Alba* (*Gigas* x *Mossiae*)—White, pur-  
ple lip. 5"
- 9-C-128—*C. Ashland* x *Lc. Mysedo* var. *Miya*—Lavender—  
bronze. Fall. 4", 5"
- 9-C-129—Selected Salmon Colored Variety. 5"
- 9-C-130—*Lc. Balkis* var. *Superba* x *C. Ashland*—Dark laven-  
der. Fall. 4", 5"
- 9-C-131—Selected Dark Variety. 5"
- 9-C-132—*Blc. Wendell Hoshino* x *Lc. Indra*—Lavender. Fall. 4"
- 9-C-133—*Lc. Canberra* var. *Stonehurst* x *Blc. Wendell Ho-*  
*shino*—Red to lavender bronze. Fall. 1 1/2"
- 9-C-134—*C. General Patton* x *Self*—White. Spring to Winter.  
1 1/2"
- 9-C-135—*C. Suzanne Hye* x *General Patton*—White. Fall,  
early season. 1 1/2"
- 9-C-136—*C. Bow Bells* var. *Honolulu* x *Self*—White. Winter.  
4"
- 9-C-137—*Lc. George Baldwin* (*Princess Margaret* x *C. Enid*)  
—Lavender. Spring. 5", 6"
- 9-C-138—*C. Pearl Harbor* (*Bow Bells* x *Celia*)—Pure white.  
Spring. 4"

## SMALL FLOWERED CLUSTER TYPE CATTLEYA

Cattleyas of this section have become more and more popular. The flowers are medium in size and usually come in very large heads. Some wonderful color combinations.

- 9-C-139—*C. Bertii* (*Labiata* x *Enid*)—Dark lavender. Winter.  
4", 5", 6"
- 9-C-140—*C. Bow Bells* x *Snow Song*—Pure white. Winter. 4"
- 9-C-141—*L. Flava* x *Slc. Gary Capeman*—Rich yellow. Sum-  
mer to Fall. 4"
- 9-C-142—*C. Guatemalensis* var. *Butter* x *C. Skinneri Alba*—  
Yellow. Spring. 1 1/2", 2", 3"
- 9-C-143—*C. Belgica* x *Intermedia* var. *Amethestiana*—Pink.  
Spring. 4"
- 9-C-144—*C. Theodora Westenberger* (*Intermedia Alba* x *Con-*  
*cinnity*)—Pure white. Spring. 4", 5"
- 9-C-145—*C. Nigrette-Loddegeessii* x *C. Superba*—Dark laven-  
der. Fall. 1 1/2"
- 9-C-146—*C. Confetti* (*Aurantiaca* x *Trianae*)—Salmon to  
bronze. Winter. 1 1/2"
- 9-C-147—*Lc. Excellis* x *C. Granulosa Schofieldiana*—Bronze.  
Fall. 1 1/2"
- 9-C-148—*C. Guatemalensis* var. *Butter* x *Slc. Firefly*—Dark  
yellow to red. Spring. 1 1/2"

*Deacattleya Chastity*





9-C-149—C. *Forbesii* x Lc. *Nugget*—Yellow to bronze. Summer to Fall. 4"  
 9-C-150—Lc. *Topaz* x C. *Harrisoniana*—Lavender. Fall. 5"  
 9-C-151—Lc. *Isotta* x Hawaiian *Sunset*—Yellow to bronze. Summer to Fall. 1½", 2"  
 9-C-152—Lc. *Pensberra* x C. *Superba*—Darkest lavender. Fall. 1½"  
 9-C-153—C. *Guatemalensis* var. *Butter* x L. *Harpophylla*—Rich orange. Spring. 1½"  
 9-C-154—Lc. *Biceps* x L. *Crispa*—Pastel lavender. Fall. 2"  
 9-C-155—Lc. *Wriget* x C. *Ardglory*—Lavender to yellow. Spring. 2", 3", 4"  
 9-C-156—C. *Eurydice* x Lc. Hawaiian *Sunset*—Yellow to bronze. Fall and Winter. 2", 3"  
 9-C-157—C. *Eurydice* x Lc. *Canberra*—Bronze yellow. Fall. 2", 3", 4"  
 9-C-158—Lc. Hawaiian *Sunset* x C. *Forbesii*—Bronze to yellow. Spring. 2", 3", 4"  
 9-C-159—Lc. Hawaiian *Sunset* x L. *Crispa*—Dark lavender. Fall. 2", 3", 4"  
 9-C-160—Bc. *Daffodil* x Lc. *Fulva* var. *Golden Wings*—Rich yellow, red lip. Fall and Winter. 1½", 2"  
 9-C-161—Sl. *Valda* x C. *Guttata Leopoldi*—Orange - bronze. Spring to Summer. 1½", 2", 3"  
 9-C-162—Lc. *Wriget* x Lc. *Metacom*—Yellow to bronze. Fall. 3"  
 9-C-163—C. *Interbrosa* x Lc. *Calizona*—Yellow to red bronze. Fall. 3", 4"  
 9-C-164—C. R. *Prowe* x L. *Autumnalis*—Lavender. Fall. 1½", 2", 3"  
 9-C-165—C. R. *Prowe* x L. *Speciosa*—Pink Winter to Spring. 1½", 2"  
 9-C-166—C. *Bowringiana* x L. *Speciosa*—Medium lavender. Fall. 1½"  
 9-C-167—C. *Priscilla Ward* (*Forbesii* x *Granulosa*)—Green. Spring to Summer. 1½"  
 9-C-168—C. *Undine* x *Amethystoglossa*—Pink - darker spots. Spring. 4"  
 9-C-169—Lc. *Ardglory* x Hawaiian *Sunset*—Yellow. Summer to Fall. 4"  
 9-C-170—C. R. *Prowe* x B. *Glaucia*—Pale pink. Winter to Spring. 2", 3"  
 9-C-171—Lc. *Issy* x Bc. S. M. *Damon*—Green. Fall. 3"  
 9-C-172—Lc. *Biceps* x *Canberra*—Bronze. Summer to Fall. 2", 3"  
 9-C-173—Bc. Mrs. *Leeman* x C. *Skinneri Alba*—Pale yellow to cream. Spring. 2"  
 9-C-174—L. *Autumnalis Alba* x C. *Chocoensis*—White. Fall. 1½", 2", 3"  
 9-C-175—L. *Anceps Veitchiana* x Bc. Mrs. *Leeman*—Cream to white. Spring. 1½", 2"  
 9-C-176—C. *Mendellii Fascination* x *Harrisoniana Alba*—Pale pink. Winter to Spring. 4", 5"  
 9-C-177—Lc. *Granuanu* x Lc. *Issy*—Dark red to bronze. 2", 3", 4"  
 9-C-178—L. *Amoena* (*Anceps* x *Pumila*)—Dark lavender. Winter. 4"  
 9-C-179—Lc. *Isotta* x C. *Guttata Leopoldi*—Green. Summer to Fall. 1½"



*Cattleya Rosy Jewel*

9-C-180—Lc. *Wriget* x C. *Iris* var. *Walt*—Yellow to bronze. Summer. 1½"  
 9-C-181—Lc. *Petite* x *Peggy Moir*—Yellow, red lip. Summer to Fall. 1½"  
 9-C-182—Lc. *Portia-Priam* x Lc. *Wriget*—Lavender-bronze. Fall. 1½"

### EPI-CATTELEYA TYPE CROSSES

There are two basic types of hybrids involved: (1) Bulbous Epidendrum x other Cattleya type genera and (2) Reed stem Epidendrum x other Cattleya type hybrids. The former grows more like a normal Cattleya, whereas the latter has a predominance of the reed stem characteristic in their appearance. We shall divide the two groups as outlined.

### BULBOUS EPIDENDRUM HYBRIDS

9-C-183—Epi-Cattleya *Ecstasy* (C. R. *Prowe* x E. *Atropurpureum*)—Rich lavender. Spring. 2"  
 9-C-184—C. R. *Prowe* x E. *Mariae*—Green, white lip. Spring. 1½"  
 9-C-185—C. *Mossiae* x E. *Ciliare*—Lavender. Spring. 2"  
 9-C-186—E. *Bifidum* x *Broughtonia Sanguinea*—Red to bronze. Summer to Fall. 1½", 2"  
 9-C-187—E. *Bifidum* x C. *Superba*—Dark lavender. Fall. 1½", 2"  
 9-C-188—E. *Bifidum* x C. *Bowringiana*—Lavender. Fall. 1½"  
 9-C-189—Epi-Cattleya *Gaiety* (E. *Plicatum* x C. R. *Prowe*)—Pale pink. Late Fall. 2", 3"  
 9-C-190—C. *Pualilii* x E. *Dichromum*—Pink. Fall. 1½"  
 9-C-191—E. *Vitellinum Majus* x *Diacrium Bicornutum*—Bright orange. Spring. 1½"

9-C-192—E. *Ciliare* x E. *Mariae*—Green, white lip. Fall to Winter. 1½", 2"  
 9-C-193—E. *Bifidum* (Species)—Green, dark chocolate markings. All year. 3", 4"  
 9-C-194—E. *Selligerum* (Species)—Dark, rose pink. Spring. 4"  
 9-C-195—E. *Plicatum* x *Nemorale*—Pink. Spring. 1½"  
 9-C-196—E. *Cocheleatum* x *Dichromum*—Dark bronze. All year. 3"  
 9-C-197—E. *Betty May* x *Atropurpureum*—Rose pink and brown. Spring. 4"  
 9-C-198—E. *Tampense* x *Brownie*—Bronze lavender. Fall. 4"  
 9-C-199—E. *Cocheleatum* x *Brownie*—Lavender bronze. Various. 1½", 2", 3", 4"  
 9-C-200—E. *Betty May* x *Brownie*—Lavender bronze. Spring. 3", 4"  
 9-C-201—S. *Crispa* x E. *Atropurpureum*—Lavender. Winter. 1½", 2", 3"  
 9-C-202—S. *Undulata* x E. *Atropurpureum*—Lavender bronze. Spring. 3", 4"  
 9-C-203—E. *Betty May* x *Plicatum*—Pink. Spring. 3", 4"  
 9-C-204—E. *Brownie* x *Plicatum*—Lavender bronze. Spring. 2", 3"  
 9-C-205—E. *Cochelcatum* x S. *Lyonsii*—Lavender bronze. Various. 1½", 2"

### REED STEM EPIDENDRUM CROSSES

9-C-206—Slc. *Firefly* x E. *Pseudepidendrum*—Red to Orange. Fall. 1½"  
 9-C-207—C. *Pualilii* x E. *Pflavii*—Pink. Summer. 1½"  
 9-C-208—E. *Diko* (*Difforme v Kokee*)—Green. Various. 4"  
 9-C-209—E. *Difforme* x *Raniferum*—Green, red spots. Various. 3"  
 9-C-210—*Myrianthum* (Species)—Lavender. Various. 4", 5"  
 9-C-211—E. *Wrightii* x *Schomburgkia*—Dark Orange. Various. 2", 3", 4"

### SELECTED REED STEAM EPIDENDRUM HYBRIDS

9-C-212—Orange *Glow*—Salmon-orange. Keikis—4"  
 9-C-213—Saffron *Glow*—Yellow-orange. Keikis—4"  
 9-C-214—Pauoa *Rainbow*—Old rose. Keikis—4"  
 9-C-215—Kokee—White. Keikis—4"  
 9-C-216—Kahili x Orange *Glow*—Dark orange. Keikis—4"  
 9-C-217—Butterball x Orange *Glow*—Dark yellow. Keikis—4"  
 9-C-218—Rainbow Hybrids—Red, Geranium Red, Yellow, Lavender, Light Lavender, Pink, Rose, Dusty Rose, Peach, Fuschia, Orange and Buff.

Unpotted Aerial Plantlets—Keikis ea. per dozen

### DIACRIUM CROSSES

These are new and very fine. The best known is our Dia-Cattleya Chastity. The variety Woodlawn of this hybrid won A.M.A.O.S. in 1958. Many of the crosses will be future award material.  
 9-C-219—Dia-Cattleya *Chastity* (D. *Bicornutum* x C. *Granulosa Schofieldiana*)—Jade to white and Alba. Various. 1½", 2"



- 9-C-220—*Diacrium Bicornutum* (Species)—Lovely white. Spring. 4"  
 9-C-221—*L. Purpurata* x *D. Bicornutum*—White, purple lip. Spring. 1 1/2"  
 9-C-222—*Dc. Fantasy* (*C. Guatemalensis* x *D. Bicornutum*)—Bronze-lavender. Spring. 1 1/2", 2", 4"  
 9-C-223—*S. Luddemaniana* x *D. Bicornutum*—Yellow to bronze. Spring. 1 1/2", 2", 3"

### SCHOMBURGHKIA HYBRIDS

These are tall growing plants with long spikes of beautiful flowers. They need a large glass house or outdoor culture. They are tolerant of cool conditions and will grow outside anywhere you can grow *Cymbidiums*.

- 9-C-224—*Sl. Maunalani* x *S. Luddemaniana*—Lavender bronze. Spring. 3", 5"  
 9-C-225—*Sc. Harry Dunn* (*C. R. Prowe* x *S. Luddemaniana*)—Bronze to yellow. Winter to Spring. 2", 5", 6"  
 9-C-226—*Sc. Harry Dunn* x *L. Autumnalis*—Dark lavender. Fall. 1 1/2", 2", 3"  
 9-C-227—*C. R. Prowe* x *S. Lyonsii*—Pink to white. Spring. 1 1/2"  
 9-C-228—*S. Lyonsii Alba* x *Bc. Mrs. Leeman*—White to pale yellow. Spring. 1 1/2"  
 9-C-229—*S. Luddemaniana* x *C. Guatemalensis*—Lavender bronze. Spring. 4"  
 9-C-230—*S. Thompsonii* x *S. Luddemaniana*—Bronze lavender. Spring to Summer. 5"  
 9-C-231—*S. Kalihi* x *C. Guatemalensis*—Lavender. Spring. 3"  
 9-C-232—*S. Luddemaniana* x *S. Kalihi*—Bronze. Spring. 3"  
 9-C-233—*Lc. Issy* x *S. Thompsonii*—Bronze. Fall. 2", 3", 4"  
 9-C-234—*S. Crispa* x *L. Rubescens*—Pale lavender. Winter. 1 1/2", 2", 3", 5"  
 9-C-235—*Sbc. Panama* x *Lc. Kalihi Kea*—Lavender. Winter. 1 1/2", 2"  
 9-C-236—*C. Bertii* x *S. Lyonsii*—Lavender, Early Spring. 1 1/2", 2"  
 9-C-237—*L. Autumnalis Alba* x *S. Lyonsii Alba*—White. Winter. 2", 3"  
 9-C-238—*C. R. Prowe* x *S. Thompsonii*—Lavender. Summer to Fall. 1 1/2", 2", 3"  
 9-C-239—*Lc. Isotta* x *S. Thompsonii*—Bronze. Summer. 1 1/2", 2"  
 9-C-240—*S. Lyonsii* x *C. Dupreana*—Lavender. Fall. 1 1/2"  
 9-C-241—*S. Luddemaniana* x *Bc. Mrs. Leeman*—Bronze to yellow. Summer. 1 1/2"

### BROUGHTONIA HYBRIDS

Using the species *Sanguinea* in various combinations these hybrids show great promise. Our little *Cattleytonia* Rosy Jewell being among the loveliest miniature *Cattleya* types ever seen.

- 9-C-242—*Cattleytonia Rosy Jewell* (*B. Sanguinea* x *Bowringiana*)—Salmon to bronze. Fall. 1 1/2"  
 9-C-243—*S. Thompsonii* x *B. Sanguinea*—Red-lavender. Fall. 3"  
 9-C-244—*S. Lyonsii Alba* x *B. Sanguinea*—Red-pink. Spring. 1 1/2"

- 9-C-245—*B. Sanguinea* x *L. Autumnalis Dark*—Dark red. Fall. 1 1/2", 2"

### TERETE BRASSOVOLA CROSSES

Several of our customers began to flower these in 1958. Without exception they all wrote back what a pleasant surprise. Wonderful as pot plants or cut flowers. They are most vigorous growers.

- 9-C-246—*B. Cordata* x *C. Aureole-Lc. Robert H. Jewell*—Clear yellow. Fall. 1 1/2", 2", 3"  
 9-C-247—*C. R. Prowe* x *Cordata*—White to cream. Fall to Winter. 4"  
 9-C-248—*Lc. Issy* x *B. Cordata*—Bronze lavender. Fall. 3"  
 9-C-249—*C. Guttata Leopoldi* x *B. Nodosa*—Green-spotted Spring. 3", 4"  
 9-C-250—*B. Cordata* x *C. Bertii*—Lavender. Winter. 3"  
 9-C-251—*E. Fragrans* x *B. Cordata*—Cream to white. Winter. 2", 3"  
 9-C-252—*B. Acaulis* (Species)—Large, star-like flowers, white. Spring. logs  
 9-C-253—*B. Cordata* (Species)—Green, white. Fall. logs  
 9-C-254—*B. Nodosa* (Species)—White. Fall to Winter. logs  
 9-C-255—*B. Cuculata* (Species)—White and purple. Spring. logs

## CYPRIPEDIUM

Our collection of these plants is unique in that every plant has been selected to be tolerant and to flower under warm conditions. Thus, Hawaiian grown *Wm. Kirch*—Orchids *Cyps* are ideal for many regions that up to now have been listed as poor regions to try and grow *Cyps*. We make particular reference to Malaya, Central America, The Carribean, Thailand, Southern United States, etc. We feel sure you will enjoy growing them.

#### CULTURE:

50% shade, keep moist at all times. Pot in a rich organic compost. Fertilize frequently.

- 9-C-256—*Albacord* (*Molock* x *T. M. Black*)—Red. 5"  
 9-C-257—*Aithol House* (*Carola* x *Louvain*)—Large spots. 5"  
 9-C-258—*Hestia* var. *Gigantea* (*Cyclops* x *Lady Dillon*)—Spotted. 5"  
 9-C-259—*Nena* var. *Giganteum* (*Christopher* x *Senator*)—Yellow spotted. 5"  
 9-C-260—*Lucarola* (*Carola* x *Lucernalis*)—Spotted. 5"  
 9-C-261—*Noblesse* (*Cardinal Mercer* x *Nesta II*)—Red. 5"  
 9-C-262—*Schillianum* (*Gowerianum* x *Rothschildiana*)—Green-yellow, purple stripes. 5"  
 9-C-263—*Saraband* (*King Arthur* x *Newberry*)—Rich red. 5"  
 9-C-264—*Dickler Langley's* var. (*Dick* x *Golden Eagle*)—Yellow-brown. 5"  
 9-C-265—*Alma Gavaert* (*Lawrencianum* x *Maudiae*)—Green and white. 5"  
 9-C-266—*Houdon* (*Carpeaux* x *Mastiff*)—Green and brown. 5"

- 9-C-267—*Magnolia* (*Cardinal Mercer* x *Niobe*)—Green-brown. 5"

- 9-C-268—*Warrior Green's* var. (*Alcibiades* x *Lord Wolmer*)—Green-spotted. 5"

- 9-C-269—*Alcibiades Magnificum* (*Leeanum* x *Mons de Curte*)— 5"

- 9-C-270—*Maudiae Magnificum* *FCRHS* (*Callosum* x *Lawrenciae*)—Green and white. 4", 5"

- 9-C-271—*Sir Redvers Buller* (*Insigne* x *Smithii*)—Purple Red. 4"

- 9-C-272—*The Major Bectons* (*Gaston Butel* x *Harrisonianum*)—Mahogany red. 5"

- 9-C-273—*Mauretania* (*Alcibides* x *F. M. Ogilvie*)—Spotted. 5"

- 9-C-274—*Estrella* (*Christopher* x *Grace Darling*)—Yellow-green. 5"

- 9-C-275—*Dillys* var. *Extra* (*Adorn* x *Etta*)—Spotted. 5"

- 9-C-276—*Blue Order* (*Hestia* x *Nancy Gamble*)—Brown and white. 5"

- 9-C-277—*Amberly Gem* (*Earl of Tankerville* x *Formidable*)—Spotted. 5"

- 9-C-278—*Prince Albert Chardwar* var. (*Pyramus* x *Tommy-curte*)—Red. 5"

- 9-C-279—*Ansun* (*Anita* x *Sunbeam*)—Yellow. 5"

- 9-C-280—*Major Hanbury Carlisle* (*Troilus* x *Smaragdinum*)—Brown and white. 5"

- 9-C-281—*Wellesley* x *Woodnote*—Deep green. 5"

- 9-C-282—*Martin* (*Bourton Lady* x *Swallow*)—Spotted. 5"

*Cypripedium Hybrids*





- 9-C-283—*Leeanum* var. *Hawaii* (*Insigne* x *Spicerianum*)—Green and brown. 4", 5"  
 9-C-284—*Leeanum* var. *J. Gourney Fowler*—White and brown, large. 5"  
 9-C-285—*Leeanum Superbum* FCCRHS—Green and brown. 5"  
 9-C-286—*Leeanum Roseum Magnificum*—Pink flush-brown. 5"  
 9-C-287—*Leeanum Gratrixiae*—Nice shape, green-brown. 5"  
 9-C-288—*Leeanum Griddleton* var.—Large, green-brown. 5"  
 9-C-289—*Cappamagna* v. *Fred Sander* (*Cardinal Mercer* x *Nubia*)—Red. 5"  
 9-C-290—*Cappamagna* v. *E. Cooper*—Red. 5"  
 9-C-291—*Cappamagna* v. *Neopolitan*—Red. 5"  
 9-C-292—*Perth* (*Camperdown* x *Robert Patterson*)—Red. 5"  
 9-C-293—*Black Hunter* (*Mildred Hunter* x *Thorpe*)—Dark red. 5"  
 9-C-294—*Ingres* (*Atlantis* x *Leemanii Ducis*)—Red. 5"  
 9-C-295—*Sunset* var. *Manchurian* (*Earl of Chester* x *Maudiae*)—Dark red. 5"  
 9-C-296—*Leyburnense Magnificum* (*Royal George* x *Sir Redvers Buller*)—Rose red. 5"  
 9-C-297—*Fairrieianum* x *Catherine Hardy*—White and purple. 5"  
 9-C-298—*Martha Ramford* (*Parentage Unknown*)—Green and brown. 5"  
 9-C-299—*Harrisonianum Superbum* (*Barbatum* x *Villosum*)—Purple red. 5"  
 9-C-300—*Royal George* (*Harrisonianum* x *Minos*)—Dark red. 5"  
 9-C-301—*Noel Hardy* (*Nirvana* x *Nitens*)—Green and white. 5"  
 9-C-302—*Dervish* (*Bordube Eau de Nil* x *Grace Darling*)—Soft green. 5"  
 9-C-303—*Gold Mohur* x *Everest*—Yellow. 5"  
 9-C-304—*Cyclops AMRHS* (*Actaeus* x *Fulshaviense*)—Green and brown spotted. 5"  
 9-C-305—*Col. Cary Batten* x *Golden Wren*—Yellow, brown. 5"  
 9-C-306—*Athos* (*Carpeaux* x *Perseus*)—Red. 5"  
 9-C-307—*Claire de Lune* var. *Edgar Van Belle* (*Emerald* x *Alma Gavert*)—Best *Maudiae* type, green and white. 5"  
 9-C-308—*Phips* (*Aureum* x *Boltonii*)—Nice white. 4"  
 9-C-309—*Venus* (*Insigne* x *Niveum*)—White, spotted. 4"  
 9-C-310—*Rosy Dawn* (*Gwen Hannen* x *Astarte*)—White, flush pink. 5"  
 9-C-311—*Astarte* (*Insigne* x *Psyche*)—White. 5"  
 9-C-312—*Albion FCCRHS* (*Astarte* x *Niveum*)—Pure white. 4"

### CYPRIPEDIUM SPECIES

Culture as for the Hybrids. Most of these we list are relatively rare and make fine additions to the collection. They certainly offer diversity of flower form and pleasure of exhibition.

- 9-C-313—*Purpureum* (*China*)—White-purple stripes. 4"  
 9-C-314—*Insignis* (*India*)—Green and brown. 5"  
 9-C-315—*Haynaldianum* (*Philippines*)—Green-white and pink. 5"  
 9-C-316—*Insigne* var. *Variagatum* (*China*)—A very rare collectors item. Green and gold foliage. 4"



Group of Miniature *Oncidium* Hybrids

- 9-C-317—*Niveum* (*Indo-China*)—White. Bird's egg spots. 4"  
 9-C-318—*Curtisii* (*Sumatra*)—Green and purple. 4", 5"  
 9-C-319—*Tonsum* (*Sumatra*)—Green, white veined green. 4"  
 9-C-320—*Glaucochryllum* (*Java*)—Wonderful species. Dark green and purple. 4", 5"  
 9-C-321—*Lowii* (*Borneo*)—Yellow, veined brownish purple. 5", 6"  
 9-C-322—*Callosum* (*Siam*)—White, veined purple. 4", 5"

### CYPRIPEDIUM SEEDLINGS

We have been breeding a group of the popular *Maudiae* types to improve this old favorite. Results have been quite fine. We are pleased to offer you three of the best crosses.

- 9-C-323—*Maudiae Magnificum* FCCRHS x *Self*. 2"  
 9-C-324—*Holdenii* x *Maudiae* var. *Bankhouse*. 2"  
 9-C-325—*Maudiae Magnificum* FCCRHS x *Holdenii*. 2"

### SELENIPEDIUM

These are the Central and South American counterparts of the Asian Lady Slippers. Tropical in origin, they are ideally suited to warm climates. Culture as for *Cypripedium*s.

- 9-C-326—*Caudatum* (*Central America*)—Green and pink. Lovely miniature. 4", 5"

- 9-C-327—*Caudatum Lindenii* (*Central America*)—Pouch resembles third ribbon like petal. 5"  
 9-C-328—*Grande* (*Caudatum* x *Longifolium*)—Green-brown. The *Fu Manchu* Orchid. 5", 6"  
 9-C-329—*Sedenii* (*Longifolium* x *Schlimmii*)—Rose pink. 5"

## ONCIDIUM ALLIANCE

This section is probably the one which has expanded more rapidly than any other in our nurseries in the past few years. Purpose of breeding has been to create a range of material that would allow growers that do not have air conditioned houses and those in tropical countries, to grow orchids similar to the cool-growing *Odontoglossum* hybrids.

Many surprises have resulted in this breeding. The *Miltonias* of the warm growing type make excellent cut flowers whereas the cool types will not stand up when cut. The miniature *Oncidium*s are the finest little pot plants we have ever seen. Intergeneric hybrids produce all sorts of wonderful sur-



prises both as to shape and colors. Anyone that can grow Cattleyas can grow these plants and while they are basic spray Orchids, we are including them in our Cattleya catalogue for this reason. We will group them in sections to allow you to better understand their characteristics.

#### CULTURE:

These plants are light lovers and will stand considerably more light than most orchids. Grow toward the dry side as to water. Fertilize frequently when in growth. Do not fertilize when dormant.

### MILTONIA

All warm growing, these are excellent for cut flowers or display.

- 9-C-330—**Warscewiczii Panama x Warscewiczii Weltonii**—A superior strain of this lovely species. Purple and brown. Winter-Spring. 1 1/2", 2", 3"  
 9-C-331—**Gayity x Regnellii**—Yellow with dark purple. 1 1/2", 2"  
 9-C-332—**Purple Queen x Goodale Moir**—Dark purple to bronze. 1 1/2", 2"  
 9-C-333—**William Kirch (Bluntii x Regnellii Aurea)**—Yellow to gold with purple. 1 1/2", 2", 3"  
 9-C-334—**Festiva x Regnellii Aurea**—White to yellow, masked purple. 3"  
 9-C-335—**Ann Warne x Goodale Moir**—Dark purple. 3"  
 9-C-336—**Warscewiczii x Purple Queen**—Dark purple, bronze. 3"  
 9-C-337—**Festiva x Spectabilis**—White, purple mask. 3"  
 9-C-338—**Stellata x Rozellii**—White to cream. 1 1/2", 2"  
 9-C-339—**Stellata x Festiva**—Cream to yellow. 1 1/2", 2", 3"  
 9-C-340—**Spectabilis x Goodale Moir**—Cream, masked purple. 1 1/2", 2"

### MILTOCIDIUM

Crosses between Miltonia x Oncidium. Wonderful cut sprays or pot plants.

- 9-C-341—**M. Festiva x O. Altissimum**—Yellow, masked purple. 1 1/2"  
 9-C-342—**M. Warscewiczii x O. Sawyeri**—Brown, pink lip. 1 1/2", 2"  
 9-C-343—**M. Warscewiczii x D. Bicallosum**—Yellow, bronze. 1 1/2", 2"  
 9-C-344—**O. Blanchettii x M. Warscewiczii**—Golden bronze, flushed pink. 1 1/2", 2"  
 9-C-345—**O. Ornithorynchum x M. Warscewiczii**—Rose pink. 1 1/2", 2", 3"  
 9-C-346—**M. Stellata x O. Tigrinum**—Yellow and brown. 1 1/2"  
 9-C-347—**M. Warscewiczii x O. Varicosum Rogersii**—Golden brown. 1 1/2"  
 9-C-348—**M. Stellata x O. Blanchettii**—Dark yellow. 2"

### MILPASIA

These are crosses between Miltonia x Aspasia. Wonderful texture and long lasting flowers.

- 9-C-349—**Candissa (A. Principissa x M. Candida)**—Green and brown. 2"

- 9-C-350—**Gold Star (A. Principissa x M. Flavescens)**—Green, yellow. 1 1/2", 2", 3"

### MILTASSIA

A new group combining Miltonia and Brassia. Wonderful Spray Orchids.

- 9-C-351—**B. Braciata x M. Bluntii**—Green and brown. 1 1/2", 2"  
 9-C-352—**M. Stellata x B. Longissima**—Straw yellow. 1 1/2", 2"  
 9-C-353—**M. Flavescens x B. Braciata**—Green to yellow. 1 1/2", 2"

### ASPASIA x BRASSIA

No generic name given to date. Similar breeding to the above crosses.

- 9-C-354—**A. Principissa x B. Longissima**—Yellow, green. 3", 4"  
 9-C-355—**A. Principissa x B. Gireoudiana**—Green and brown. 1 1/2", 2", 3"

### ONCIDIUM

The dancing Lady Orchids. Our new hybrids make these a must for all. Much more vigorous than the old species with

some beautiful color combinations. They are ideal for either cut flowers or pot plants. We have two basic types: (1) The New Miniature forms, (2) Large growing or standard forms.

### MINIATURE ONCIDIUMS

- 9-C-356—**Pulchellum x Triquetrum**—Pink to rose. Winter to Spring. 3", 4"  
 9-C-357—**Delight (Henekenii x Pulchellum)**—Rose with dark purple lip. Winter. 3"  
 9-C-358—**Erma Warne (Pulchellum x Urophyllum)**—Pink and brown. Winter. 1 1/2", 2", 3"  
 9-C-359—**Golden Glow (Triquetrum x Urophyllum)**—Gold. Fall and Winter. 3"  
 9-C-360—**Agnes Ann (Tetrapetalum x Triquetrum)**—Red-brown. Spring. 3"  
 9-C-361—**Pulchellum x Ornithorynchum**—Dark pink. Spring. 1 1/2"  
 9-C-362—**Pulchellum x Micropogon**—Salmon-Apricot. Spring. 1 1/2", 2"  
 9-C-363—**Haitiense x Pulchellum**—Rose to pink. Winter-Spring. 1 1/2"  
 9-C-364—**Anna Rosa (Sylvester x Pulchellum)**—Deep pink. Winter-Spring. 1 1/2"  
 9-C-365—**Incurvum x Pulchellum**—Rose pink. Spring. 1 1/2", 2"

*Miltocidium*







*Milpasia*

## MINIATURE ONCIDIUMS MOUNTED ON LOGS

These are planted on pieces of Hawaiian Tree Fern and are ideal to grow as such or to naturalize on trees or potted plants in the greenhouse.

- 9-C-366—Michael Hart (*Urophyllum* x *Tetrapetalum*)—Sunset color. Spring. logs  
 9-C-367—*Triquetrum* x *Self*—Red-brown. Spring. logs  
 9-C-368—*Delight* (*Pulchellum* x *Henekenii*)—Rose, dark lip. Winter. logs  
 9-C-369—Golden Glow (*Triquetrum* x *Urophyllum*)—Gold. Spring. logs  
 9-C-370—Agnes Ann (*Triquetrum* x *Tetrapetalum*)—White to rose and brown. Winter. logs  
 9-C-371—Erma Warne (*Pulchellum* x *Urophyllum*)—White to rose and brown. Winter. logs  
 9-C-372—Sylvester x *Self*—Dark pink. Spring. logs  
 9-C-373—*Pulchellum* x *Micropogon*—Sunset Colors. Spring. logs  
 9-C-374—Twinkle (*Ornithorynchum* x *Cheirophorum*)—Cream to apricot and yellow. Winter. logs

## LARGE FLOWERED ONCIDIUMS

- 9-C-375—Dr. Schragen (*Splendidum* x *Lanceanum*)—Rich gold and brown. Spring. 2", 3"  
 9-C-376—Mem. Pepita de Restrepo (*Luridum* x *Lanceanum*)—Green and brown. 1½", 2"  
 9-C-377—*Guttatum* x *Self*—Pink and green. Winter. 2", 3", 4"  
 9-C-378—*Divaricatum* x *Lanceanum*—Yellow and brown. Spring. 1½", 2"  
 9-C-379—Lenalena (*Altissimum* x *Sarcodes*)—Yellow and brown. Spring. 1½", 2", 3"  
 9-C-380—*Blanchettii* x *Crispum*—Gold-brown. Fall. 1½", 2", 3"  
 9-C-381—*Brachyandrum* x *Hyphamaticum*—Huge spikes, gold and brown. Fall. 1½", 2", 3"

## BRACIDIUM

Crosses between *Brassia* and *Oncidium*. These are very fine and greatly increase flower size.

- 9-C-382—Betty Shiraki (*O. Sphacelatum* x *B. Braciata*)—Yellow green and dark brown. Spring. 5", 6"  
 9-C-383—*O. Lanceanum* x *B. Caudata*—Purple bronze and green. Spring. 1½", 2"  
 9-C-384—*O. Papilio* x *B. Maculata*—Bronze, huge flowers. Various. 1½", 2"  
 9-C-385—*O. Kramerianum* x *B. Maculata*—Similar to above. 1½", 2"  
 9-C-386—*O. Blanchettii* x *B. Gireoudiana*—Green yellow and brown. Spring. 1½", 2", 3"  
 9-C-387—*B. Allenii* x *O. Lankesteri*—Straw yellow and brown. Spring. 1½", 2", 3"  
 9-C-388—*B. Maculata* x *O. Crispum*—Rich brown. Summer to Fall. 1½", 2", 3"

## RODRICIDIUM

Crosses between *Rodreguezia* and *Oncidium*. Somewhat miniature in size, nice botanical pot plants.

- 9-C-389—Joy (*O. Triquetrum* x *R. Venusta*)—Cream to white, marked red. Spring. 3"  
 9-C-390—*R. Secunda* x *O. Lanceanum*—Dark red. Winter-Spring. 3", logs

## OTHER INTERGENERIC ONCIDIUM TYPE CROSSES

We do not have enough of any one type to group them in sections.

- 9-C-391—*Odont. Cordatum* x *Milt. Steliata*—Cream, marked red. Spring. 1½", 2", 3"  
 9-C-392—*Milt. Warscewiczii* x *Odont. Esperance*—Rich red-brown. Winter. 2"  
 9-C-393—*Onc. Blanchettii* x *Odont. Tweed*—Golden. Fall. 1½", 2"  
 9-C-394—*Onc. Blanchettii* x *Odont. Saxa*—Gold to Sunset colors. Fall. 2"  
 9-C-395—*Compactia Falcata* x *Rod. Secunda*—Rich red. Winter. 3"



*Specimen plant Miniature Oncidium Hybrid*

- 9-C-396—*B. Gireoudiana* x *R. Venusta*—Light green. Spring. 3"  
 9-C-397—*Milt. Bluntii* x *Rod. Secunda*—Red purple. Fall. 3"  
 9-C-398—*Milt. Warscewiczii* x *Burlingtonia Fragrance*—Red brown. Winter. 1½", 2"  
 9-C-399—*Milt. Flavescens* x *Tricopellia Tortiles*—Red brown. Spring. 1½", 2"  
 9-C-400—*Milt. Warscewiczii* x *Odont. Cariniferum*—Red brown. Winter. 1½", 2"  
 9-C-401—*Milt. Stellata* x *Odont. Cordatum*—Cream, marked red. Spring. 1½", 2", 3"  
 9-C-402—*Odont. Cordatum* x *Onc. Blanchettii*—Yellow and red. Fall. 1½"  
 9-C-403—*Trichocentrum Albopurpureum* x *Onc. Splendidum*—Red brown. Spring. 1½"

*Oncidium Twinkle*





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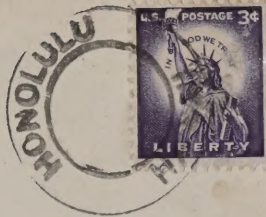
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